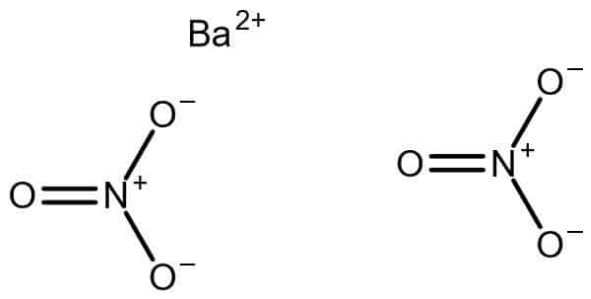
h1>Barium nitrate 99.5% class EL [10022-31-81



CAS number: **10022-31-8**
Summary formula: **Ba (NO3) 2**
Molar mass: **261.32 g / mol**
Synonyms: **none**
Translation [ENG]: **barium nitrate**
Application: **Barium nitrate is used in industry for the production of green signal lamps, for removing gases from vacuum lamps and for the production of barium oxide. Barium nitrate burns with a bright green flame and is used in signal flares and pyrotechnics.**

VARIATIONS

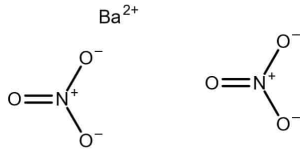
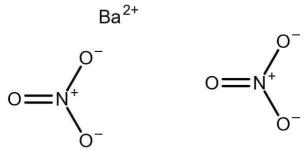
Image	Price	Pack size
	£132,96 gross | £108,10 netto	10 kg

Image	Price	Pack size
	£303,81 gross | £247,00 netto	25 kg

PRODUCT DESCRIPTION

Barium nitrate 99.5% class EL [10022-31-8]

Barium nitrate is used in industry for the production of green signal lamps, for removing gases from vacuum lamps and for the production of barium oxide. Barium nitrate burns with a bright green flame and is used in signal flares and pyrotechnics. It can be produced by treating barium carbonate with nitric acid.

Density: 3.2 g / cm3 (20 ° C)
Melting point: 592 ° C
PH value: 5.0 - 8.0 (50 g / l, H_2O, 25 ° C)
Bulk density: 1900 g / m3
Solubility: 94 g / l
PH value (5%; water; 25 ° C): 5.0 - 8.0
Chloride (Cl): ≤ 0.0005%
Heavy metals (as Pb): ≤ 0.0005%
Ca (calcium): ≤ 0.002%
Fe (iron): ≤ 0.0002%
K (potassium): ≤ 0.005%
Na (sodium): ≤ 0.005%
Sr (strontium): ≤ 0.05%

Hazard pictograms

Labeling of hazardous chemicals and mixtures that are part of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS). The pictograms recommended by GHS have the

shape of a square set on the top. They should contain a black symbol on a white background with a red border.

Priority rules to be observed in connection with the labeling of a substance:

- the skull and crossbones, the exclamation mark pictogram should not be added.
- corrosive effect, the exclamation mark pictogram should not be added if it concerns eye or skin irritation.
- health hazard determining respiratory sensitization, the exclamation mark pictogram should not be added if it concerns skin sensitization or irritation to eyes or skin.

Source: **GHS pictograms**